

Figure 1-A

>2494862	GGCGCATCCG	AGCCATGGCC	CAGCAGGTGT	TTATGCTGGA	CACCCAGTGC
Consensus	GGCGCATCCG	AGCCATGGCC	CAGCAGGTGT	TTATGCTGGA	CACCCAGTGC
>2494862	TCACCAAAGA	CACCAAACAA	CTTTGACCAC	GCTCAGTCCT	GCCAGCTCAT
Consensus	TCACCAAAGA	CACCAAACAA	CTTTGACCAC	GCTCAGTCCT	GCCAGCTCAT
>2494862	TATTGAGCTG	CTTCTTGATG	AAAAACCAAA	TGGACACACC	AAGAAAAGCG
Consensus	TATTGAGCTG	CTTCTTGATG	AAAAACCAAA	TGGACACACC	AAGAAAAGCG
>2494862	TGTCTTTTCAG	GGAAATTGTG	GTGAGCCTGC	TGTCTCATCA	GGTGTACTC
>1915946	CTTTTCAG	GGAAATTGTG	GTGAGCCTGC	TGTCTCATCA	GGTGTACTC
Consensus	TGTCTTTTCAG	GGAAATTGTG	GTGAGCCTGC	TGTCTCATCA	GGTGTACTC
>2494862	CAGAACTTAT	ATGACATCTT	GTTAGAAGAG	TT	
>1915946	CAGAACTTAT	ATGACATCTT	GTTAGAAGAG	TTTGTCAAAG	GCCCCCTCTCC
Consensus	CAGAACTTAT	ATGACATCTT	GTTAGAAGAG	TTTGTCAAAG	GCCCCCTCTCC
>1915946	TGGAGAGGAA	AAGACGATAC	AAGTGCCAGA	AGCCAAGCTG	GCTGGCTTCC
Consensus	TGGAGAGGAA	AAGACGATAC	AAGTGCCAGA	AGCCAAGCTG	GCTGGCTTCC
>1915946	TCAGATACAT	CTCTATGCAG	AAC TTGGCAG	TCATATTCTGA	CCTGCTGCTG
>717188			GGCAG	TCATATTCTGA	CCTGCTGCTG
>717188			GGCAG	TCATATTCTGA	CCTGCTGCTG
>1687606				CATATTCTGA	CCTGCTGCTG
Consensus	TCAGATACAT	CTCTATGCAG	AAC TTGGCAG	TCATATTCTGA	CCTGCTGCTG
>1915946	GACTCTTTATA	GGACTGCCAG	GGAGTTTGAC	ACCAGCCCCG	GGCTGAAGTG
>717188	GACTCTTTATA	GGACTGCCAG	GGAGTTTGAC	ACCAGCCCCG	GGCTGAAGTG
>717188	GACTCTTTATA	GGACTGCCAG	GGAGTTTGAC	ACCAGCCCCG	GGCTGAAGTG
>1687606	GACTCTTTATA	GGACTGCCAG	GGAGTTTGAC	ACCAGCCCCG	GGCTGAAGTG
Consensus	GACTCTTTATA	GGACTGCCAG	GGAGTTTGAC	ACCAGCCCCG	GGCTGAAGTG
>1915946	CCTGCTGAAG	AAAGTGTC TG	GCATCGGGGG	CGCCGCCAAC	CT
>717188	CCTGCTGAAG	AAAGTGTC TG	GCATCGGGGG	CGCCGCCAAC	CTCTACCGCC
>717188	CCTGCTGAAG	AAAGTGTC TG	GCATCGGGGG	CGCCGCCAAC	CTCTACCGCC
>1687606	CCTGCTGAAG	AAAGTGTC TG	GCATCGGGGG	CGCCGCCAAC	CTCTACCGCC
Consensus	CCTGCTGAAG	AAAGTGTC TG	GCATCGGGGG	CGCCGCCAAC	CTCTACCGCC
>717188	AGTCTGCGAT	GAG:TTTAAC	ATTTATTTCC	ACGCCCTGGT	GTGTGCTGTT
>717188	AGTCTGCGAT	GAGCTTTAAC	ATTTATTTCC	ACGCCCTGGT	GTGTGCTGTT
>1687606	AGTCTGCGAT	GAGCTTTAAC	ATTTATTTCC	ACGCCCTGGT	GTGTGCTGTT
Consensus	AGTCTGCGAT	GAGCTTTAAC	ATTTATTTCC	ACGCCCTGGT	GTGTGCTGTT
>717188	CTCACCAATC	AAGAAAACAT	CACGGCCGAG	CAAGTGAAGA	AGGTCCTTTT
>717188	CTCACCAATC	AAGAAAACAT	CACGGCCGAG	CAAGTGAAGA	AGGTCCTTTT
>1687606	CTCACCAATC	AAGAAAACAT	CACGGCCGAG	CAAGTGAAGA	AGGTCCTTTT
Consensus	CTCACCAATC	AAGAAAACAT	CACGGCCGAG	CAAGTGAAGA	AGGTCCTTTT

Figure 1-B

>717188	TGAGGACGAC	GAGAGAAGCA	CGGATTCTTC	CCAGCAGTGT	
>717188	TGAGGACGAC	GAGAGAAGCA	CGGATTCTTC	CCAGCAGTGT	TCATCTGAGG
>1687606	TGAGGACGAC	GAGAGAAGCA	CGGATTCTTC	CCAGCAGTGT	T
Consensus	TGAGGACGAC	GAGAGAAGCA	CGGATTCTTC	CCAGCAGTGT	TCATCTGAGG
>717188	ATGAAGACAT	CTTTGAGGAA	ACCGCCCAGG	TCAGCCCCC	GAGAGGCAAG
Consensus	ATGAAGACAT	CTTTGAGGAA	ACCGCCCAGG	TCAGCCCCC	GAGAGGCAAG
>717188	GAGAAGAGAC	AGTGGCGGGC	ACGGATGCCC	TTGCTCAGCG	TCCAGCCTGT
Consensus	GAGAAGAGAC	AGTGGCGGGC	ACGGATGCCC	TTGCTCAGCG	TCCAGCCTGT
>717188	CAGCAACGCA	GATTGGGTGT	GGCTGGTCAA	GAGGCTGCAC	AAGCTGTGCA
Consensus	CAGCAACGCA	GATTGGGTGT	GGCTGGTCAA	GAGGCTGCAC	AAGCTGTGCA
>717188	TGGAAGTGTG	CAACAACACTAC	ATCCAGATGC	ACTTGGACCT	GGAGAAGTGT
Consensus	TGGAAGTGTG	CAACAACACTAC	ATCCAGATGC	ACTTGGACCT	GGAGAAGTGT
>717188	ATGGAGGAGC	CTCCCATCTT	CAAGGGCGAC	CCGTTCTTCA	TCCTGCCCTC
Consensus	ATGGAGGAGC	CTCCCATCTT	CAAGGGCGAC	CCGTTCTTCA	TCCTGCCCTC
>717188	CTTCCAGTCC	GAGTCATCCA	CCCCATCCAC	CGGGGGCTTC	TCTGGGAAAG
Consensus	CTTCCAGTCC	GAGTCATCCA	CCCCATCCAC	CGGGGGCTTC	TCTGGGAAAG
>717188	AAACCCCTTC	CGAGGATGAC	AGAAGCCAGT	CCCGGGAGCA	CATGGGCGAG
Consensus	AAACCCCTTC	CGAGGATGAC	AGAAGCCAGT	CCCGGGAGCA	CATGGGCGAG
>717188	TCCCTGAGCC	TGAAGGCCGG	TGGTGGGGAC	CTGCTGCTGC	CCCCAGCCC
Consensus	TCCCTGAGCC	TGAAGGCCGG	TGGTGGGGAC	CTGCTGCTGC	CCCCAGCCC
>717188	CAAAGTGGAG	AAGAAGGATC	CCAGCCGGAA	GAAGGAGTGG	TGGGAGAATG
Consensus	CAAAGTGGAG	AAGAAGGATC	CCAGCCGGAA	GAAGGAGTGG	TGGGAGAATG
>717188	CGGGGAACAA	AATCTACACC	ATGGCAGCCG	ACAAGACCAT	TTCAAAGTTG
Consensus	CGGGGAACAA	AATCTACACC	ATGGCAGCCG	ACAAGACCAT	TTCAAAGTTG
>717188	ATGACCGAAT	ACAAAAAGAG	GAAACAGCAG	CACAACCTGT	CCGCGTTCCC
Consensus	ATGACCGAAT	ACAAAAAGAG	GAAACAGCAG	CACAACCTGT	CCGCGTTCCC
>717188	CAAAGAGGTC	AAAGTGGAGA	AGAAAGGAGA	GCCACTGGGT	CCCAGGGGCC
>g534689				CCACTGGGT	CCCAGGGGCC
Consensus	CAAAGAGGTC	AAAGTGGAGA	AGAAAGGAGA	GCCACTGGGT	CCCAGGGGCC
>717188	AGGACTCCCC	GCTGCTTCAG	CGTCCCCAGC	ACTTGATGGA	CCAAGGGCAA
>g534689	AGGACTCCCC	GCTGCTTCAG	CGTCCCCAGC	ACTTGATGGA	CCAAGGGCAA
Consensus	AGGACTCCCC	GCTGCTTCAG	CGTCCCCAGC	ACTTGATGGA	CCAAGGGCAA

Figure 1-C

>717188	ATGCGGCATT	CCTTCAGCGC	AGGCCCCGAG	CTGCTGCGAC	AGGACAAGAG
>g534689	ATGCGGCATT	CCTTCAGCGC	AGGCCCCGAG	CTGCTGCGAC	AGGACAAGAG
>g1967966	CATT	CCTTCAGCGC	AGGCCCCGAG	CTGCTGCGAC	AGGACAAGAG
Consensus	ATGCGGCATT	CCTTCAGCGC	AGGCCCCGAG	CTGCTGCGAC	AGGACAAGAG
>717188	GCCCCGCTCA	GGCTCCACCG	GGAGCTCCCT	CAGTGTCTCG	GTGAGAGACG
>g534689	GCCCCGCTCA	GGCTCCACCG	GGAGCTCCCT	CAGTGTCTCG	GTGAGAGACG
>g1967966	GCCCCGCTCA	GGCTCCACCG	GGAGCTCCCT	CAGTGTCTCG	GTGAGAGACG
Consensus	GCCCCGCTCA	GGCTCCACCG	GGAGCTCCCT	CAGTGTCTCG	GTGAGAGACG
>717188	CAGAAGCACA	GATCCAGGCA	TGGACCAACA	TGGTGCTAAC	AGTTCTCAAT
>g534689	CAGAAGCACA	GATC:AGGCA	TGGACCAACA	T	
>g1967966	CAGAAGCACA	GATCCAGGCA	TGGACCAACA	TGGTGCTAAC	AGTTCTCAAT
Consensus	CAGAAGCACA	GATCCAGGCA	TGGACCAACA	TGGTGCTAAC	AGTTCTCAAT
>717188	CAGATTCAGA	TTCTCCCAGA	CCAGACCTTC	ACGGCCCTCC	AGCCCGCAGT
>g1967966	CAGATTCAGA	TTCTCCCAGA	CCAGACCTTC	ACGGCCCTCC	AGCCCGCAGT
>1270626				C	ACGGCCCTCC
Consensus	CAGATTCAGA	TTCTCCCAGA	CCAGACCTTC	ACGGCCCTCC	AGCCCGCAGT
>717188	GTTCCCGTGC	ATCAGTCAGC	TGACCTGTCA	CGTGACCGAC	ATCAGAGTTC
>g1967966	GTTCCCGTGC	ATCAGTCAGC	TGACCTGTCA	CGTGACCGAC	ATCAGAGTTC
>1270626	GTTCCCGTGC	ATCAGTCAGC	TGACCTGTCA	CGTGACCGAC	ATCAGAGTTC
Consensus	GTTCCCGTGC	ATCAGTCAGC	TGACCTGTCA	CGTGACCGAC	ATCAGAGTTC
>717188	GCCAGGCTGT	GAGGGAGTGG	CTGGGCAGGG	TGGGCCGTGT	CTATGACATC
>g1967966	GCCAGGCTGC	GAGGGAGTGG	CTGGGCAGGG	TGGGCCGTGT	CTATGACATC
>1270626	GCCAGGCTGT	GAGGGAGTGG	CTGGGCAGGG	TGGGCCGTGT	CTATGACATC
Consensus	GCCAGGCTGT	GAGGGAGTGG	CTGGGCAGGG	TGGGCCGTGT	CTATGACATC
>717188	ATTGTGTAGC	CGACTCCTGT	TCTACTCTCC	CACCAAATAA	CAGTAGTGAG
>g1967966	ATTGTGTAGC	CGACTCCTGT	TCTACTCTCC	CACCAAATAA	CAGTAGTGAG
>1270626	ATTGTGTAGC	CGACTCCTGT	TCTACTCTCC	CACCAAATAA	CAGTAGTGAG
Consensus	ATTGTGTAGC	CGACTCCTGT	TCTACTCTCC	CACCAAATAA	CAGTAGTGAG
>717188	GGTTAGAGTC	CTGCCAATAC	AGCTGTTGCA	TTTTCCCCAC	CACTAGCCCC
>g1967966	GGTTAGAGTC	CTGCCAATAC	AGCTGTTGCA	TTTTCCCCAC	CACTAGCCCC
>1270626	GGTTAGAGTC	CTGCCAATAC	AGCTGTTGCA	TTTTCCCCAC	CACTAGCCCC
Consensus	GGTTAGAGTC	CTGCCAATAC	AGCTGTTGCA	TTTTCCCCAC	CACTAGCCCC
>717188	ACTTAAACTA	CTACTACTGT	CTCAGAGAAC	AGTGTTTCCT	AATGTAAAAA
>g1967966	ACTTAAACTA	CTACTACTGT	CTCAGAGAAC	AGTGTTTCCT	AATGTAAAAA
>1270626	ACTTAAACTA	C			
Consensus	ACTTAAACTA	CTACTACTGT	CTCAGAGAAC	AGTGTTTCCT	AATGTAAAAA

Figure 1-D

>717188	GCCTTTCCAA	CCACTGATCA	GCATTGGGGC	CATACTAAGG	TTTGTATCTA
>g1967966	GCCTTTCCAA	CCACTGATCA	GCATTA		
>1690079				TAAGG	TTTGTATCTA
Consensus	GCCTTTCCAA	CCACTGATCA	GCATTGGGGC	CATACTAAGG	TTTGTATCTA
>717188	GATGACACAA	ACGATATTCT	GATTTTGCAC	ATTATTATAG	AAGAATCTAT
>1690079	GATGACACAA	ACGATATTCT	GATTTTGCAC	ATTATTATAG	AAGAATCTAT
Consensus	GATGACACAA	ACGATATTCT	GATTTTGCAC	ATTATTATAG	AAGAATCTAT
>717188	AATCCTTGAT	ATGTTTCTAA	CTCTTGAAGT	ATATTTCCCA	GTGCTTTTGC
>1690079	AATCCTTGAT	ATGTTTCTAA	CTCTTGAAGT	ATATTTCCCA	GTGCTTTTGC
Consensus	AATCCTTGAT	ATGTTTCTAA	CTCTTGAAGT	ATATTTCCCA	GTGCTTTTGC
>717188	TTACAGTGTT	GTCCCCAAAT	GGGTCATTTT	CAAGGATTAC	TCATTTGAAA
>1690079	TTACAGTGTT	GTCCCCAAAT	GGGTCATTTT	CAAGGATTAC	TCATTTGAAA
Consensus	TTACAGTGTT	GTCCCCAAAT	GGGTCATTTT	CAAGGATTAC	TCATTTGAAA
>717188	ACACTATATT	GATCCATTTG	ATCCATCATT	TAAAAAATAA	ATACAATTCC
>1690079	ACACTATATT	GATCCATTTG	ATCCATCATT	TAAAAAATAA	ATACAATTCC
Consensus	ACACTATATT	GATCCATTTG	ATCCATCATT	TAAAAAATAA	ATACAATTCC
>717188	TAAGGCAATA	TCTGCTGGTA	AGTCAAGCTG	ATAAACACTC	AGACATCTAG
>1690079	TAAGGCAATA	TCTGCTGGTA	AGTCAAGCT		
Consensus	TAAGGCAATA	TCTGCTGGTA	AGTCAAGCTG	ATAAACACTC	AGACATCTAG
>717188	TACCAGGGAT	TATTAATTGG	AGGAAGATTT	ATGGTTATGG	GTCTGGCTGG
Consensus	TACCAGGGAT	TATTAATTGG	AGGAAGATTT	ATGGTTATGG	GTCTGGCTGG
>717188	GAAGAAGACA	ACTATAAATA	CATATTCTTG	GGTGCATAA	TCAAGA
Consensus	GAAGAAGACA	ACTATAAATA	CATATTCTTG	GGTGCATAA	TCAAGA

Figure 2

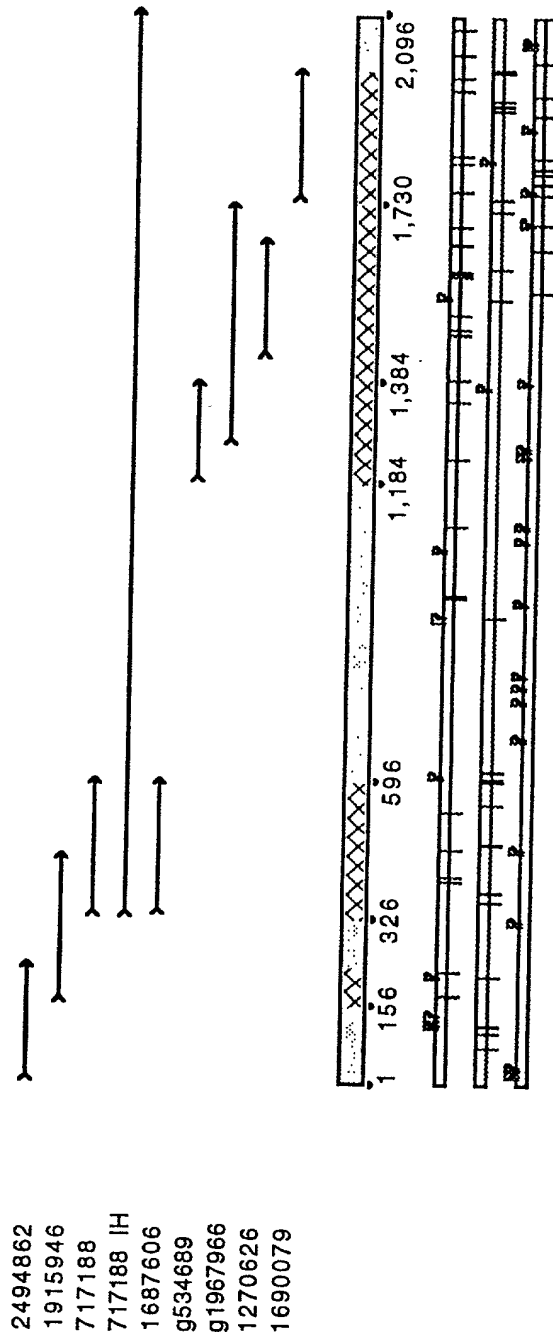
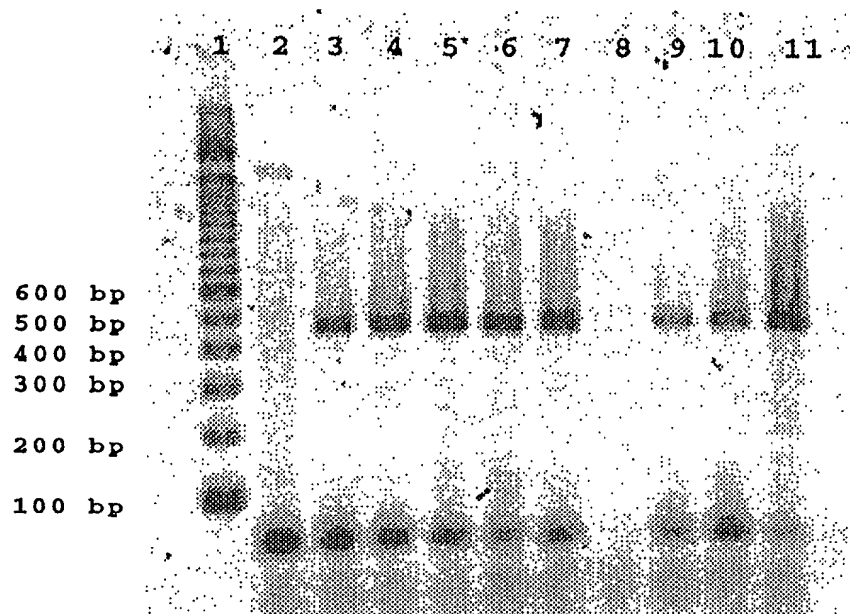
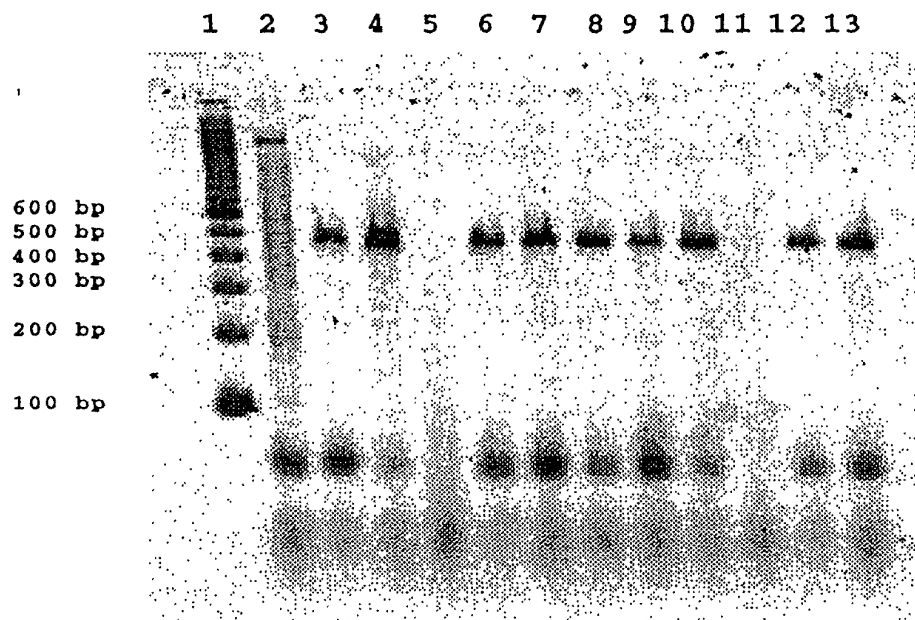


Figure 3-A



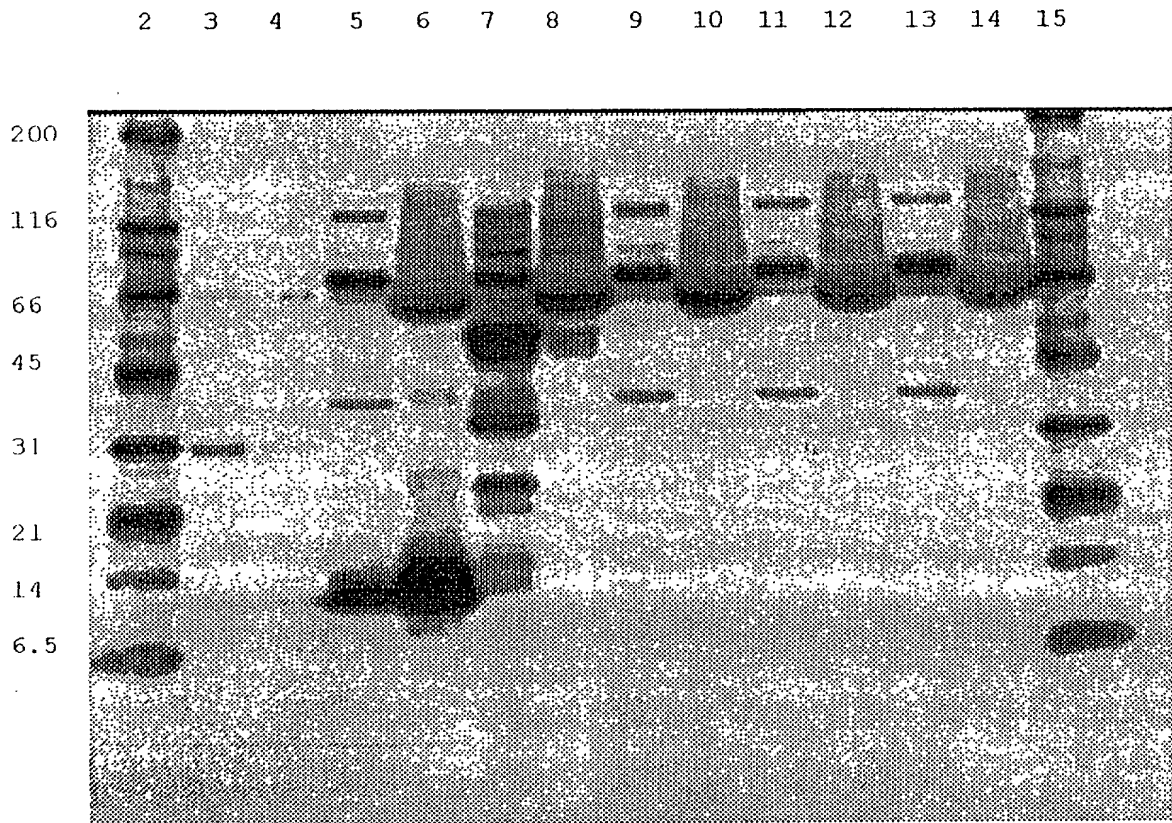
LANE	TISSUE
1	Molecular Weight Marker(100bp)
2	Placental DNA
3	Prostate BPH
4	Prostate BPH
5	Prostate Cancer
6	Prostate BPH
7	Prostate BPH
8	Prostate Cancer
9	Prostate Cancer
10	Prostate Cancer
11	LNCap Cell line

Figure 3-B



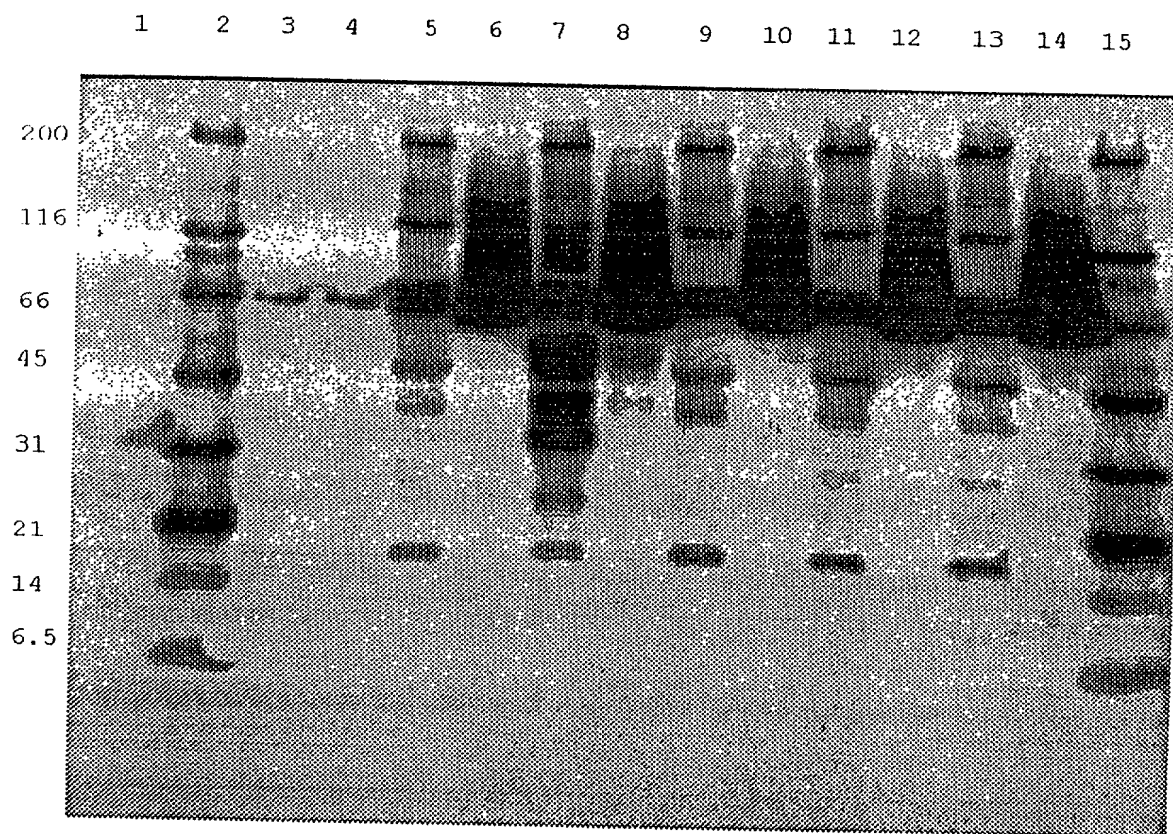
LANE	TISSUE
1	Molecular Weight Marker (100bp)
2	Placental DNA
3	Prostate BPH
4	Cancer Prostate
5	Cancer Colon
6	Cancer Colon
7	Normal Colon
8	Cancer Breast
9	Cancer Breast
10	Normal Breast
11	Normal Lung
12	Normal Lung
13	Cancer Lung

Figure 4-A



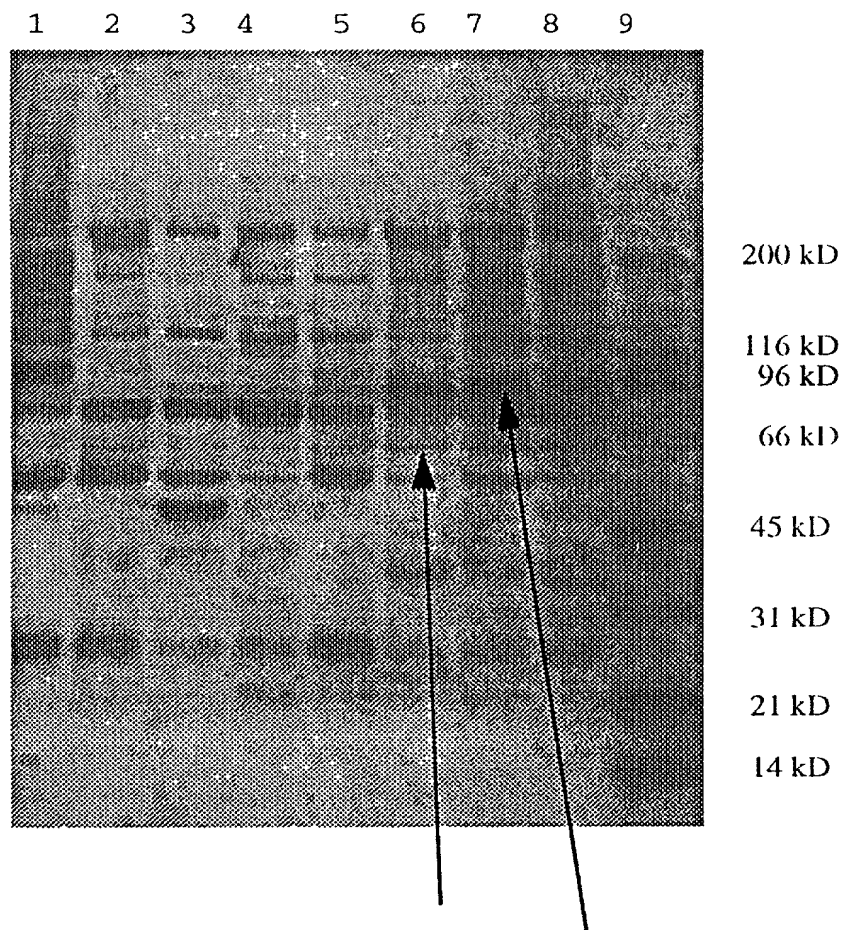
Lane	Sample
1	Pre-dyed Molecular Weight Marker (Not shown)
2	Biotinylated Molecular Weight Marker (kD)
3	Myc-Labeled Recombinant Protein, 1000 ng/ml
4	Myc-Labeled Recombinant Protein, 333 ng/ml
5	Unrelated Transfected Cell Lysate
6	Unrelated Transfected Cell Supernatant
7	PS118 Transfected Cell Lysate
8	PS118 Transfected Cell Supernatant
9	Unrelated Transfected Cell Lysate
10	Unrelated Transfected Cell Supernatant
11	Unrelated Transfected Cell Lysate
12	Unrelated Transfected Cell Supernatant
13	PS118 Untransfected Cell Lysate
14	PS118 Untransfected Cell Supernatant
15	Biotinylated Molecular Weight Marker (kD)

Figure 4-B



Lane	Sample
1	Pre-dyed Molecular Weight Marker
2	Biotinylated Molecular Weight Marker (kD)
3	Myc-Labeled Recombinant Protein, 1000 ng/ml
4	Myc-Labeled Recombinant Protein, 333 ng/ml
5	Unrelated Transfected Cell Lysate
6	Unrelated Transfected Cell Supernatant
7	PS118 Transfected Cell Lysate
8	PS118 Transfected Cell Supernatant
9	Unrelated Transfected Cell Lysate
10	Unrelated Transfected Cell Supernatant
11	Unrelated Transfected Cell Lysate
12	Unrelated Transfected Cell Supernatant
13	PS118 Untransfected Cell Lysate
14	PS118 Untransfected Cell Supernatant
15	Biotinylated Molecular Weight Marker (kD)

Figure 5



Lane	Tissue
1	Breast
2	Bladder
3	Lung
4	Colon
5	BPH
6	BPH
7	Cancer Prostate
8	Cancer Prostate
9	Molecular Weight Marker (kD)